

Pioneer *sound.vision.soul*

**HDD
160GB**

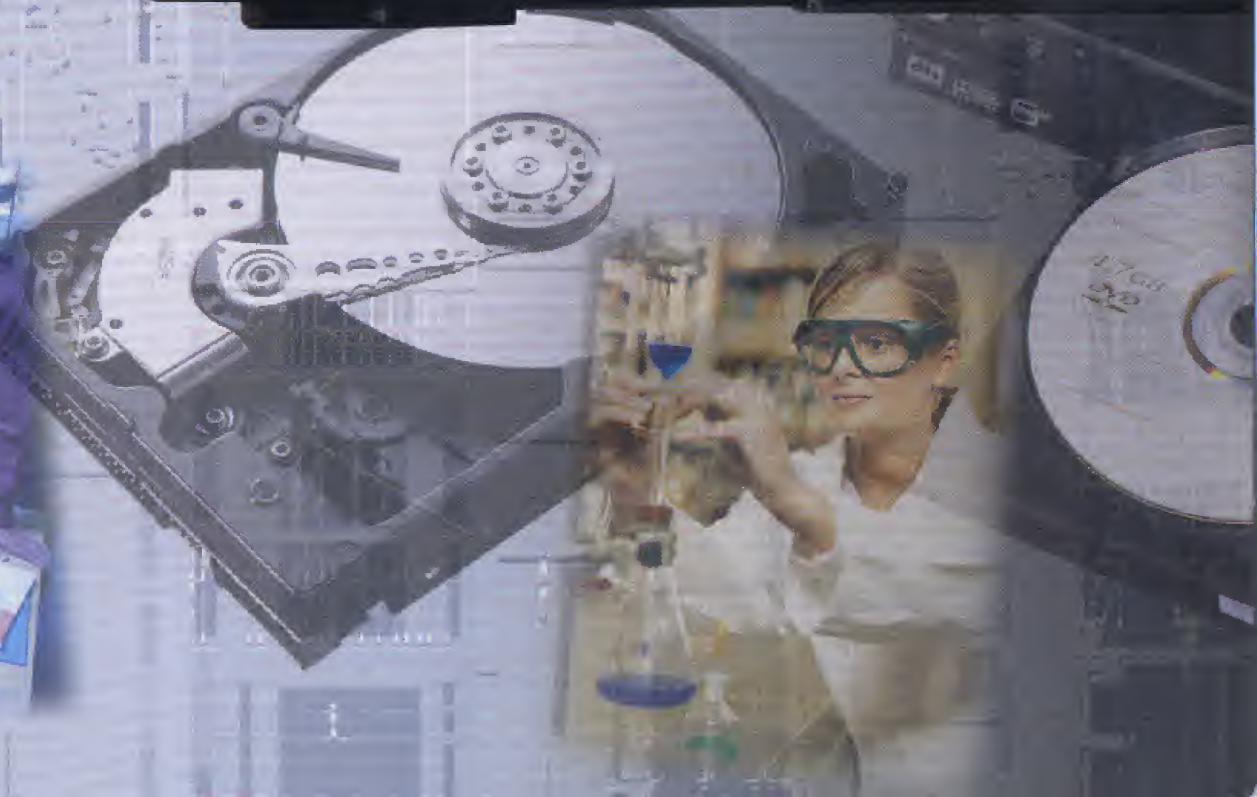


**PRO DVD RECORDER
PRV-9200**

DVD
VIDEO/R/RW

PRV-9200

Introducing the newest professional DVD recorder from Pioneer, the PRV-9200. Designed for ease of use and convenience, the PRV-9200 is perfect for creating compliant DVD-Video discs quickly and without the need for a computer or authoring software.





160GB HDD



DVD
High-Speed Copying



- 160GB Internal Hard Disk Drive for more than 150 hours of recording
- High-speed copying from HDD to DVD-R/DVD-RW discs
- Convenient copy modes (one touch copy/copy list)

Convenient copy modes (one touch copy/copy list)



Flexible Recording Options with Built-in Hard Disk Drive and DVD-R/DVD-RW Drive

Pioneer's newest Pro DVD recorder is equipped with a 160GB built-in Hard Disk Drive (HDD) and one DVD-R/DVD-RW drive. Users can record directly to the Hard Disk Drive in real-time for added flexibility and options. Recording to the HDD allows users to perform basic editing before recording the content to DVD media. Additionally, projects can be recorded from the source direct to DVD media using the DVD recordable drive.

	HDD	DVD-R/DVD-RW
Use	Temporary Storage & Project Editing	- Archiving - Off-line Storage
Benefits	- Large Storage Capacity - Direct Access	- Removable Highly Compatible Format - Low Cost Recording Media

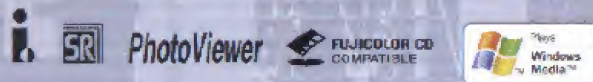
Extended Recording Times

The PRV-9200 allows you to select from 4 optional recording levels, which offer varying picture quality (FINE, SP, LP or EP). For greater flexibility, the user can select one of 32 bit rate settings in Manual Mode. In Auto Mode, the bit rate is automatically adjusted to fit the content on a 4.7GB disc (the capacity of a blank, single layer, standard DVD-R or DVD-RW disc).

Recording Mode	Recording Time on HDD (160 GB)
Manual Mode (MN) (32 steps)	approx. 34-207 hours
Fine (FINE)	approx. 34 hours
Standard Play (SP)	approx. 69 hours
Long Play (LP)	approx. 138 hours
Extended Play (EP)	approx. 207 hours



PRO DVD RECORDER PRV-9200



MP3

Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

High-Speed Copying from HDD to DVD

When archiving video content to DVD, Pioneer's PRV-9200 can quickly transfer video files from the HDD without any loss of recorded video quality. The high-speed copying process allows you to transfer one hour of video from the HDD to a DVD in a fraction of the time it took to record it. For example, when using 8x DVD-R discs, the time it takes to copy one hour of content recorded in EP Video Mode to DVD-R is about 1.25 minutes. That's 48 times faster to copy the video than it took to record it! One hour of content recorded to the HDD in FINE Video Mode can be transferred to 8x DVD-R in about 8 minutes. This feature lets you save time and money, especially when you must make multiple DVD copies for your clients and projects.

Record Mode Used on HDD		High-Speed Copy (HDD to DVD)		
Mode	Video Length	2x Media*	4x Media*	8x Media*
FINE	1 hour	30 min.	15 min.	8 min.
SP	1 hour	15 min.	7.5 min.	4 min.
LP	1 hour	7.5 min.	4 min.	2 min.
EP	1 hour	5 min.	2.5 min.	1.25 min.

1 The actual copy speed depends on the recording mode selected, the length of the video recorded and the type of DVD media used.

* Approximate copy time only. Additional time is required to finalize the disc, which includes required disc management data.

2 The number of titles that can be recorded on the HDD is limited to 250 titles, even if there is still available space.

For added flexibility, the PRV-9200 allows content originally recorded in Video Mode on a DVD-RW disc to be copied at high speed from the DVD-RW back onto the internal Hard Disk Drive. This allows the user to re-purpose, edit and change content before recording it to a new DVD-R or DVD-RW disc.

Convenient Copy Modes

• One-Touch Copy

Recordings made on the internal Hard Disk Drive can be copied directly to a DVD-R/DVD-RW disc in Hi-Speed. This simple feature only requires one step by using the 'One-Touch Copy' button on the remote control. Using this feature gives the user high-speed copying capabilities by recording the entire project from beginning to end. When copying from a DVD to the HDD, the copy is in real-time.*

*Note: The PRV-9200 must be playing the title on the HDD or DVD disc to perform the one-touch copy function.



• Copy List

Using the Graphical User Interface (GUI), one or more recorded titles/projects can be added to a Copy List. This allows users to select multiple titles/projects residing on the HDD and merge them together, so they can be copied to DVD media all at once. Titles/projects in the Copy List can also be edited before recording the project to DVD media.



GUI Copy List

• Disc Backup

The DVD Disc Backup feature offers a convenient way to backup important video content on DVD to another DVD recordable disc. The content is first copied from the original DVD disc to the internal HDD, then from the HDD to a new DVD-R or DVD-RW disc. While the contents of the original disc are temporarily stored in the HDD, they cannot be played or edited. All content and information from the original DVD disc are backed up without any deterioration in video quality. During the DVD disc backup process, simultaneous recording* or playback of other content from the HDD is possible.

Note: This feature only works with finalized DVD-R/DVD-RW discs recorded in 'Video Mode (DVD-Video Mode)'.

*Simultaneous recording is only possible when the original content on a DVD disc has been recorded by a PRV-9200 and/or other similar Pioneer recorders.

• Simultaneous High-Speed Copying and Recording/Playback

The PRV-9200 is capable of simultaneously recording or playing back from the Hard Disk Drive, while making a high-speed copy of another recording project direct from the HDD to a DVD-R or DVD-RW disc.

Recording Equipment and Copyright:

You may use this product only to reproduce or copy materials for which you own the copyright or have obtained permission to copy from the copyright owner or for which you otherwise have a legal right to reproduce or copy. Unless you own the copyright or have obtained permission from the copyright owner or otherwise have a legal right to reproduce or copy, you may be violating the law, including copyright laws, and may be subject to payment of damages and other remedies. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Chapter Settings

The PRV-9200 is equipped to create chapters within titles either manually or automatically. Manual chapters can be created on the fly by simply pressing the chapter mark button on the remote control. Chapter markers can also be inserted or deleted on the HDD. Automatic chapters can be inserted at the beginning of the recording process by choosing pre-set intervals of 10 or 15 minutes.

Chase Play

Chase Play allows you to watch the content you are recording during the recording process. Recording is not interrupted and continues even if you go back to the beginning of the recording and review the video. Chase Play lets you simultaneously scan, watch, stop, or pause the playback content that you're recording. With the PRV-9200, the Hard Disk Drive is handling both Chase and Play tasks.

Type		HDD		DVD-R/RW	
		Rec	Play	Rec	Play
Simultaneous Recording & Playback (different source)	Pattern 1	▶	▶		
	Pattern 2	▶	▶	▶	
	Pattern 3		▶	▶	▶
	Pattern 4*			▶	▶
Chase Play (same source)	Pattern 1	▶	▶		
	Pattern 2*			▶	▶

* Caution: Only when using DVD-RW Ver. 1.1/2X (1 – 2X recording speed) and Ver. 1.2/4X (2 – 4X recording speed) media and "VR Mode". While recording to the disc, playback during scan operations may not be smooth.

Smart VBR (Variable Bit Rate Recording)

The VBR recording mode lets you choose the quality level and recording time that best suits your content and project. Choose from Auto, Fine (FINE), Standard Play (SP), Long Play (LP), and Extended Play (EP). The Auto setting selects the best possible recording quality for the time specifications of the DVD media you are using and is only available when using pre-set timed recordings. The PRV-9200 is equipped with an enhanced VBR recording process for the best possible video quality in any recording mode chosen.

Advanced Disc Navigator

The user-friendly menu system makes all the key functions of the PRV-9200 easy to operate. You can set up a Play List, edit or move a chapter, erase an entire title or a section, divide a title or protect a title from erasure.*

*These editing functions can only be used when recording to the HDD.



GUI with thumbnails



Full-Motion Thumbnails with Sound

When you create a project on the HDD you can choose thumbnail images for your disc menu. These mini-movies make it easy to preview recorded video and further enhance the simplicity of creating your own DVD-Video discs.

*Full motion thumbnail buttons are for editing and preview only and are not transferred to the finalized DVD-Video disc menu.

NTSC/PAL Standards

Users can select from NTSC and PAL recording standards as well as playback in both. So, no matter which standard you choose, the PRV-9200 can accommodate your needs.

Sophisticated Video Playback

This professional DVD recorder is equipped with component (out only), composite (in/out), S-Video (in/out) and IEEE-1394 DV connections. This gives you more options for video recording sources. The PRV-9200 has progressive playback and a JPEG viewfinder for photo slideshow capabilities.

Superior Audio

As with all Pioneer recorders, superior audio is built-in. The PRV-9200 features Dolby Digital and DTS Digital surround sound outputs, along with high-quality audio and video D/A converters.

IEEE-1394/DV Input/Output (i.LINK)

DV input allows users to record digital component video content from a DV source such as a DV camera, tape deck or DV output from a computer.* The PRV-9200 can take the DV source and record directly to the internal HDD or direct to a DVD-R or DVD-RW disc. The PRV-9200 can be used as a video source connected to another

*Using a computer the recorder content can be captured, but the recorder cannot be controlled.

**Remote control of some cameras is not possible. The recorder cannot be controlled from a DV controller device, such as a PC video editing system

DV recording device using the IEEE-1394 port. Using the PRV-9200's remote control you can also control a DV type** digital video camera's play, stop, pause and other basic functions. The Graphical User Interface (GUI) allows for smooth transfer of dubbing to DVD-R or DVD-RW media.

DV (i. LINK) terminal

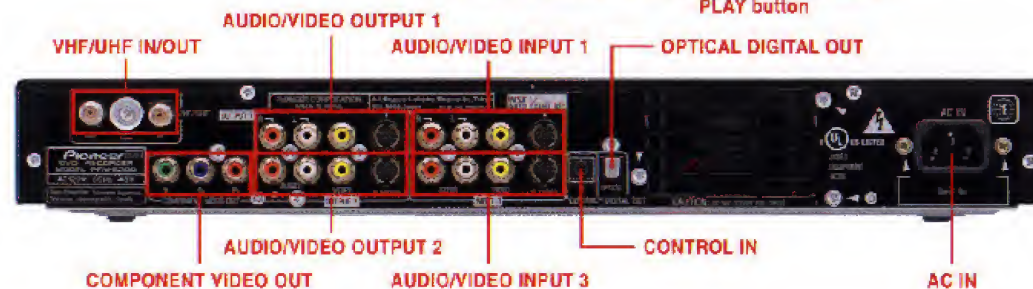


When recording from the DV input port in VR format, there is a limit on the transfer rate setting in order to maintain the highest video quality possible.
i.LINK cannot be connected to DVD players and AV amplifiers.

Front Panel



Rear Panel



PRV-9200 Main Specifications

Recording	Recording format	DVD Video, VR (Video Recording)	
	Recordable discs	DVD-R (For General), DVD-RW	
	Recording format	Video (NTSC/PAL)	Sampling frequency
Audio		Compression format	MPEG
		Sampling frequency	48kHz
	Compression format	Dolby Digital or Linear PCM (uncompressed)	
Playback	Playback format	DVD Video, VR (Video Recording), Video CD, CD-Audio	
	Playback discs	DVD-R, DVD-RW, CD-R, CD-RW	
Input/Output	VHF/UHF antenna input/output terminal	VHF/UHF set 75 Ω (F-shape connector)	
	Video input	Input 1, 3 (rear), 2 (front)	
		Input level	1 Vp-p (75 Ω)
	Jack	RCA jack	
	Video output	Output 1, 2 (rear)	
		Output level	1 Vp-p (75 Ω)
	Jack	RCA jack	
	S-Video input	Input 1, 3 (rear), 2 (front)	
		Y (luminance)-input level	1 Vp-p (75 Ω)
	C (color)-input level	0.286 Vp-p (75 Ω)	
	Jacks	4 pin mini DIN	
	S-Video output	Output 1, 2 (rear)	
		Y (luminance)-Output level	1 Vp-p (75 Ω)
	C (color)-Output level	0.286 Vp-p (75 Ω)	
	Jack (Output 1)	4 pin mini DIN	
	Component video output	Output level	
		Jacks	Y: 1.0 Vp-p (75 Ω), PB, PR: 0.7 Vp-p (75 Ω)
	Audio input (analog)	Input 1, 3 (rear), 2 (front) L/R	
		Input level	2 V rms (input impedance: more than 22k Ω)
	Jack	RCA jacks	
	Audio output (analog)	Output 1, 2 (rear) L/R	
		During Audio output level	2 V rms (Output impedance: less than 1.5k Ω)
	Jack	RCA jacks (rear)	
	Audio output (digital)	Optical Digital Output (rear)	
	Control input	Mini jack (rear)	
	DV input/output	4 pin (i.LINK/IEEE 1394 standard) (front)	

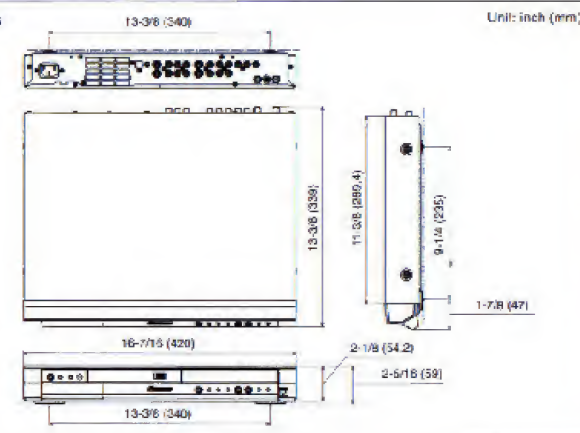
Supplied accessories	Remote control	1
	Dry cell batteries (AA/16P)	2
	Audio/Video cable (red/white/yellow)	1
	RF antenna cable	1
	3 prong (detachable) power cable	1
	Operating Instructions	1
	Warranty card	1

General	Power requirements	120 V, 60 Hz
	Power consumption	48 W
	Power consumption in standby mode	0.43 W (Front panel display: off)
	Weight	10 lb. 6 oz. / 4.7 kg
	Dimensions (W x H x D)	16-9/16" x 2-3/16" x 13-3/8" / 420 x 59 x 339 mm
	Operating temperature	+41°F to +95°F / +5°C to +35°C
	Operating humidity	5% to 85% (no condensation)
	TV format	NTSC, PAL (external input/output)

Note: 1) The specifications and design of this product are subject to change without notice, due to improvement.

2) The above electrical specifications apply to 0 IRE for NTSC video only.

Dimensions



This mark indicates compatibility with Pioneer system remote control.



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Recording equipment should only be used when making lawful copies of content. You are strongly advised to check all applicable laws in your country concerning lawful copying practices and copyright restrictions. Copyrighted material such as films or music is unlawful to copy unless permitted by a legal exception or consented to by the rightowners.

Regional Code



DVD players and DVD discs have Regional Code classifications that determine their market area and compatibility. Discs must have matching codes with players to ensure compatibility in playback. This player's regional code is 1.



are the standard marks used in conjunction with DVD-RW and DVD-R discs. For recording on a DVD recorder, be sure to use discs bearing one of those marks.

*For more details, contact one of the addresses below. *All product names and company names are registered trademarks of their respective owners.

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